

INDEX TO VOLUME 350 (1998)

- Abadie, Beatriz; Eilers, Søren; and Exel, Ruy. *Morita equivalence for crossed products by Hilbert C^* -bimodules*, 3043
- Abrams, Gene and Haefliger, Jeremy. *Picard groups and infinite matrix rings*, 2737
- Acker, Andrew. *On the existence of convex classical solutions for multilayer free boundary problems with general nonlinear joining conditions*, 2981
- Alabau, Fatiha. *On the existence of multiple steady-state solutions in the theory of electrodiffusion. Part I: the nonelectroneutral case. Part II: a constructive method for the electroneutral case*, 4709
- Anoussis, M. and Katsoulis, E. G. *Factorisation in nest algebras. II*, 165
- Ansari, Shamim and Enflo, Per. *Extremal vectors and invariant subspaces*, 539
- Arkowitz, Martin and Gutierrez, Mauricio. *Comultiplications on free groups and wedges of circles*, 1663
- Arutyunov, A. V. *Second-order conditions in extremal problems. The abnormal points*, 4341
- Bahri, Abbas and Taimanov, Iskander A. *Periodic orbits in magnetic fields and Ricci curvature of Lagrangian systems*, 2697
- Bandle, C.; Brillard, A.; and Flucher, M. *Green's function, harmonic transplantation, and best Sobolev constant in spaces of constant curvature*, 1103
- Bao, Gang and Zhou, Zhengfang. *An inverse problem for scattering by a doubly periodic structure*, 4089
- Batty, Charles J. K.; van Neerven, Jan; and Răbiger, Frank. *Local spectra and individual stability of uniformly bounded C_0 -semigroups*, 2071
- . *Tauberian theorems and stability of solutions of the Cauchy problem*, 2087
- Bavinck, H. *See* Koekoek, J.
- Bekka, M. B.; Kaniuth, E.; Lau, A. T.; and Schlichting, G. *Weak*-closedness of subspaces of Fourier-Stieltjes algebras and weak*-continuity of the restriction map*, 2277
- Belinskii, E. S. *Decomposition theorems and approximation by a "floating" system of exponentials*, 43
- Bellis, Paul. *Realizing homology boundary links with arbitrary patterns*, 87
- Beneish, Esther. *Induction theorems on the stable rationality of the center of the ring of generic matrices*, 3571
- Benkart, Georgia; Kang, Seok-Jin; and Melville, Duncan. *Quantized enveloping algebras for Borcherds superalgebras*, 3297
- Besson, Gérard; Colbois, Bruno; and Courtois, Gilles. *Sur la multiplicité de la première valeur propre de l'opérateur de Schrödinger avec champ magnétique sur la sphère S^2* , 331
- Biasi, Carlos and Saeki, Osamu. *On transversality with deficiency and a conjecture of Sard*, 5111
- Boivin, André and Dwilewicz, Roman. *Extension and approximation of CR functions on tube manifolds*, 1945
- Borwein, David; Borwein, Jonathan M.; and Pinner, Christopher. *Convergence of Madelung-like lattice sums*, 3131
- Borwein, Jonathan M. *See* Borwein, David
- Borwein, Jonathan M.; Treiman, Jay S.; and Zhu, Qiji J. *Necessary conditions for constrained optimization problems with semicontinuous and continuous data*, 2409
- Boshernitzan, M.; Galperin, G.; Krüger, T.; and Troubetzkoy, S. *Periodic billiard orbits are dense in rational polygons*, 3523
- Bouchut, F. and Perthame, B. *Kružkov's estimates for scalar conservation laws revisited*, 2847
- Brady, Noel and Farb, Benson. *Filling-invariants at infinity for manifolds of nonpositive curvature*, 3393
- Brillard, A. *See* Bandle, C.
- Bronsard, Lia and Stoth, Barbara. *The singular limit of a vector-valued reaction-diffusion process*, 4931
- Brown, Russell M.; Shen, Zhongwei; and Shi, Peter. *Regularity of solutions to a contact problem*, 4053
- Budnyi, Yuri and Shvartsman, Pavel. *The trace of jet space $J^k \Lambda^\omega$ to an arbitrary closed subset of \mathbb{R}^n* , 1519
- Bruin, Henk. *Topological conditions for the existence of absorbing Cantor sets*, 2229
- Byun, Yanghyun. *Poincaré embedding of the diagonal*, 3537
- Cannon, J. W. and Swenson, E. L. *Recognizing constant curvature discrete groups in dimension 3*, 809

INDEX TO VOLUME 350 (1998)

- Casnati, G. *Covers of algebraic varieties III. The discriminant of a cover of degree 4 and the trigonal construction*, 1359
- Catanese, Fabrizio; Ciliberto, Ciro; and Lopes, Margarida Mendes. *On the classification of irregular surfaces of general type with nonbirational bicanonical map*, 275
- Cerveau, D. and Sad, P. *Liouvillian integration and Bernoulli foliations*, 3065
- Chen, Chang-Pao and Wu, Ching-Tang. *Double Walsh series with coefficients of bounded variation of higher order*, 395
- Chen, Goong; Hsu, Sze-Bi; Zhou, Jianxin; With Appendix C by Chen, Guanrong; and Crosta, Giovanni. *Chaotic vibrations of the one-dimensional wave equation due to a self-excitation boundary condition. Part I: Controlled hysteresis*, 4265
- Chen, Guanrong. *See* Chen, Goong
- Choi, Changsun. *A weak-type inequality for differentially subordinate harmonic functions*, 2687
- Choi, Y. S. and McKenna, P. J. *A singular quasilinear anisotropic elliptic boundary value problem. II*, 2925
- Ciliberto, Ciro. *See* Catanese, Fabrizio
- Clase, M. V. *Prime and semiprime semigroup algebras of cancellative semigroups*, 1991
- Coelho, Zaqueu and Quas, Anthony N. *Criteria for d -continuity*, 3257
- Colbois, Bruno. *See* Besson, Gérard
- Çömez, Doğan; Lin, Michael; and Olsen, James. *Weighted ergodic theorems for mean ergodic L_1 -contractions*, 101
- Cordaro, Paulo D. and Himonas, A. Alexandrou. *Global analytic regularity for sums of squares of vector fields*, 4993
- Corso, Alberto; Heinzer, William; and Huneke, Craig. *A generalized Dedekind-Mertens Lemma and its converse*, 5095
- Cortés, Vicente. *On hyper Kähler manifolds associated to Lagrangian Kähler submanifolds of $T^*\mathbb{C}^n$* , 3193
- Courtois, Gilles. *See* Besson, Gérard
- Coutsias, E. A. and Kazarinoff, N. D. *The approximate functional formula for the theta function and Diophantine Gauss sums*, 615
- Crosta, Giovanni. *See* Chen, Goong
- Cuccagna, Scipio. *Sobolev estimates for operators given by averages over cones*, 935
- DeLaubenfels, Ralph. *Similarity to a contraction, for power-bounded operators with finite peripheral spectrum*, 3169
- Denef, Jan and Loeser, François. *Character sums associated to finite Coxeter groups*, 5047
- Denvir, J. and MacKay, R. S. *Consequences of contractible geodesics on surfaces*, 4553
- Dessai, Anand and Jung, Rainer. *On the rigidity theorem for elliptic genera*, 4195
- Dijkhuizen, Mathijs S. and Noumi, Masatoshi. *A family of quantum projective spaces and related q -hypergeometric orthogonal polynomials*, 3269
- Đoković, Dragomir Ž. and Zhao, Kaming. *Derivations, isomorphisms, and second cohomology of generalized Witt algebras*, 643
- Domokos, Mátyás and Drensky, Vesselin. *A Hilbert-Nagata theorem in noncommutative invariant theory*, 2797
- Drensky, Vesselin. *See* Domokos, Mátyás
- Drewnowski, Lech and Labuda, Iwo. *Copies of c_0 and ℓ_∞ in topological Riesz spaces*, 3555
- van den Dries, Lou and Speissegger, Patrick. *The real field with convergent generalized power series*, 4377
- Du, Jie and Rui, Hebing. *Based algebras and standard bases for quasi-hereditary algebras*, 3207
- Dutta, S. P. *A note on the monomial conjecture*, 2871
- Dwilewicz, Roman. *See* Boivin, André
- Dwyer, W. G. and Wilkerson, C. W. *Kähler differentials, the T -functor, and a theorem of Steinberg*, 4919
- Dynkin, E. B. and Kuznetsov, S. E. *Trace on the boundary for solutions of nonlinear differential equations*, 4499
- . *Solutions of nonlinear differential equations on a Riemannian manifold and their trace on the Martin boundary*, 4521
- Eberhart, Carl and Fugate, J. B. *Universal maps on trees*, 4235
- Eilers, Søren. *See* Abadie, Beatriz
- Ellers, Erich W. and Gordeev, Nikolai. *On the conjectures of J. Thompson and O. Ore*, 3657

- Ellingsrud, Geir and Strømme, Stein Arild. *An intersection number for the punctual Hilbert scheme of a surface*, 2547
- Emamirad, H. *Hypercyclicity in the scattering theory for linear transport equation*, 3707
- Enflo, Per. See Ansari, Shamim
- Engler, Antonio José and Koenigsmann, Jochen. *Abelian subgroups of pro- p Galois groups*, 2473
- Erljman, Juliana. *New subfactors from braid group representations*, 185
- Escobedo, M.; Herrero, M. A.; and Velazquez, J. J. L. *A nonlinear Fokker-Planck equation modelling the approach to thermal equilibrium in a homogeneous plasma*, 3837
- Exel, Ruy. See Abadie, Beatriz
- Fan, Houhong. *Self-duality operators on odd dimensional manifolds*, 3673
- Farb, Benson. See Brady, Noel
- Fenley, Sérgio R. *Local and global properties of limit sets of foliations of quasigeodesic Anosov flows*, 3923
- Fenske, Christian C. *An index for periodic orbits of local semidynamical systems*, 4973
- Ferrarotti, Massimo and Wilson, Leslie C. *Generalized Hestenes' Lemma and extension of functions*, 1957
- Ferrera, J. *Convergence of polynomial level sets*, 4757
- Fieldsteel, Adam and Hasfura-Buenaga, J. Roberto. *Dyadic equivalence to completely positive entropy*, 1143
- Fleischmann, P. *A new degree bound for vector invariants of symmetric groups*, 1703
- Flucher, M. See Bandle, C.
- Franzosa, Robert and Mischaikow, Konstantin. *Algebraic transition matrices in the Conley index theory*, 889
- Fugate, J. B. See Eberhart, Carl
- Gabardo, Jean-Pierre. *Trigonometric moment problems for arbitrary finite subsets of \mathbb{Z}^n* , 4473
- Galperin, G. See Boshernitzan, M.
- Gitik, Rita; Mitra, Mahan; Rips, Eliyahu; and Sageev, Michah. *Widths of subgroups*, 321
- Goetze, Thomas. *Euler products associated to metaplectic automorphic forms on the 3-fold cover of $\mathrm{GSp}(4)$* , 975
- Gong, Donggeng. *Equivariant Novikov conjecture for groups acting on Euclidean buildings*, 2141
- González, Jesús. *The regular complex in the $BP\langle 1 \rangle$ -Adams spectral sequence*, 2629
- Gordeev, Nikolai. See Eilers, Erich W.
- Gordon, C. McA. *Boundary slopes of punctured tori in 3-manifolds*, 1713
- Grafakos, Loukas; Li, Xinwei; and Yang, Dachun. *Bilinear operators on Herz-type Hardy spaces*, 1249
- Green, Barry. *Geometric families of constant reductions and the Skolem property*, 1379
- Grekas, S. and Mercourakis, S. *On the measure theoretic structure of compact groups*, 2779
- Greuel, Gert-Martin; Lossen, Christoph; and Shustin, Eugenii. *Geometry of families of nodal curves on the blown-up projective plane*, 251
- Gruendler, Joseph. *Homoclinic solutions and chaos in ordinary differential equations with singular perturbations*, 3797
- Grunenfelder, Luzius and Košir, Tomaž. *Geometric aspects of multi-parameter spectral theory*, 2525
- Guan, Bo. *The Dirichlet problem for Monge-Ampère equations in non-convex domains and spacelike hypersurfaces of constant Gauss curvature*, 4955
- Gundersen, Gary G.; Steinbart, Enid M.; and Wang, Shupe. *The possible orders of solutions of linear differential equations with polynomial coefficients*, 1225
- Gupta, Dharma P. and Masson, David R. *Contiguous relations, continued fractions and orthogonality*, 769
- Gutierrez, Mauricio. See Arkowitz, Martin
- Haefner, Jeremy. See Abrams, Gene
- Han, Deguang. *Wandering vectors for irrational rotation unitary systems*, 309
- Hanlon, Phil and Stanley, Richard P. *A q -deformation of a trivial symmetric group action*, 4445
- Hasfura-Buenaga, J. Roberto. See Fieldsteel, Adam
- Hata, Masayoshi. *The irrationality of $\log(1 + 1/q) \log(1 - 1/q)$* , 2311
- Heinzer, William. See Corso, Alberto
- Helminck, A. G. and Helminck, G. F. *A class of parabolic k -subgroups associated with symmetric k -varieties*, 4669

- Helminck, G. F. See Helminck, A. G.
 Herb, Rebecca A. *Discrete series characters and two-structures*, 3341
 Herrero, M. A. See Escobedo, M.
 Herzog, Jürgen and Srinivasan, Hema. *Bounds for multiplicities*, 2879
 Hile, G. N. and Mawata, C. P. *The behavior of the heat operator on weighted Sobolev spaces*, 1407
 Himonas, A. Alexandrou. See Cordaro, Paulo D.
 Hingston, Nancy. *On the equivariant Morse complex of the free loop space of a surface*, 1129
 Hsu, Sze-Bi. See Chen, Goong
 Hudson, T. D.; Marcoux, L. W.; and Sourour, A. R. *Lie ideals in triangular operator algebras*, 3321
 Hui, Kin Ming. *Singular limit of solutions of the porous medium equation with absorption*, 4651
 Hulshof, Josephus; Mitidieri, Enzo; and VanderVorst, Robertus. *Strongly indefinite systems with critical Sobolev exponents*, 2349
 Huneke, Craig. See Corso, Alberto
 Hutchings, Michael. *Integration of singular braid invariants and graph cohomology*, 1791
 Ilic, Bo. *Geometric properties of the double-point divisor*, 1643
 Ivanov, S. V. and Schupp, P. E. *On the hyperbolicity of small cancellation groups and one-relator groups*, 1851
 Jarden, Moshe and Razon, Aharon. *Rumely's local global principle for algebraic PSC fields over rings*, 55
 Johnson, Brenda and McCarthy, Randy. *Linearization, Dold-Puppe stabilization, and Mac Lane's Q-construction*, 1555
 Johnson, Mark R. *Linkage and sums of ideals*, 1913
 Jost, Jürgen and Xu, Chao-Jiang. *Subelliptic harmonic maps*, 4633
 Jung, Rainer. See Dessai, Anand
 Kallel, Sadok. *Divisor spaces on punctured Riemann surfaces*, 135
 Kalton, Nigel and Mitrea, Marius. *Stability results on interpolation scales of quasi-Banach spaces and applications*, 3903
 Kamiyama, Yasuhiko; Tezuka, Michishige; and Toma, Tsuguyoshi. *Homology of the configuration spaces of quasi-equilateral polygon linkages*, 4869
 Kang, Seok-Jin. See Benkart, Georgia
 Kaniuth, E. See Bekka, M. B.
 Karabegov, Alexander V. *Berezin's quantization on flag manifolds and spherical modules*, 1467
 Kartsatos, Athanassios G. *On the connection between the existence of zeros and the asymptotic behavior of resolvents of maximal monotone operators in reflexive Banach spaces*, 3967
 Katsoulis, E. G. See Anoussis, M.
 Kazarinoff, N. D. See Coutisias, E. A.
 Kearnes, Keith A.; Kiss, Emil W.; and Valeriote, Matthew A. *Minimal sets and varieties*, 1
 Kharlampovich, O. and Myasnikov, A. *Hyperbolic groups and free constructions*, 571
 ———. *Equations in a free Q-group*, 947
 Khoshnevisan, Davar and Shi, Zhan. *Chung's law for integrated Brownian motion*, 4253
 Kifer, Yuri. *Limit theorems for random transformations and processes in random environments*, 1481
 Kishimoto, Akitaka and Kumjian, Alex. *The Ext class of an approximately inner automorphism*, 4127
 Kiss, Emil W. See Kearnes, Keith A.
 Koekoek, J.; Koekoek, R.; and Bavinck, H. *On differential equations for Sobolev-type Laguerre polynomials*, 347
 Koekoek, R. See Koekoek, J.
 Koenigsmann, Jochen. See Engler, Antonio José
 Kon-no, Takuya. *The residual spectrum of $U(2, 2)$* , 1285
 Kopeliovich, Yaacov. *Cusp forms for congruence subgroups of $Sp_n(\mathbb{Z})$ and theta functions*, 3107
 Korevaar, J. and Monterie, M. A. *Approximation of the equilibrium distribution by distributions of equal point charges with minimal energy*, 2329
 Korey, Michael Brian. *Carleson conditions for asymptotic weights*, 2049
 Košir, Tomaž. See Grunenfelder, Luzius

INDEX TO VOLUME 350 (1998)

- Kounchev, Ognyan. *Minimizing the Laplacian of a function squared with prescribed values on interior boundaries— Theory of polysplines*, 2105
- Krüger, T. See Boshernitzan, M.
- Kuhn, Nicholas J. *Computations in generic representation theory: maps from symmetric powers to composite functors*, 4221
- Kuijlaars, A. B. J. and Saff, E. B. *Asymptotics for minimal discrete energy on the sphere*, 523
- Kumar, Ajay and Sinclair, Allan M. *Equivalence of norms on operator space tensor products of C^* -algebras*, 2033
- Kumjian, Alex. See Kishimoto, Akitaka
- Kuznetsov, S. E. See Dynkin, E. B.
- Labuda, Iwo. See Drewnowski, Lech
- Lau, A. T. See Bekka, M. B.
- Lawrence, L. Brian. *Homogeneity in powers of subspaces of the real line*, 3055
- Lee, Soo Teck and Zhu, Chen-bo. *Degenerate principal series and local theta correspondence*, 5017
- Lempp, Steffen; Nies, André; and Slaman, Theodore A. *The Π_3 -theory of the computably enumerable Turing degrees is undecidable*, 2719
- Levin, M. and Sternfeld, Y. *Atomic maps and the Chogoshvili-Pontrjagin claim*, 4623
- Li, Peter; Tam, Luen-fai; and Yang, DaGang. *On the elliptic equation $\Delta u + ku - Ku^p = 0$ on complete Riemannian manifolds and their geometric applications*, 1045
- Li, Xinwei. See Grafakos, Loukas
- Liao, Ming. *Lévy processes in semisimple Lie groups and stability of stochastic flows*, 501
- Liebeck, Martin W. and Seitz, Gary M. *On the subgroup structure of exceptional groups of Lie type*, 3409
- Lin, Michael. See Çömez, Doğan
- Lindstrom, Peter W. *On the distribution of mass in collinear central configurations*, 2487
- Linnér, Anders. *Curve-straightening and the Palais-Smale condition*, 3743
- Loeser, François. See Denef, Jan
- Lopes, Margarida Mendes. See Catanese, Fabrizio
- López, F. J. *Hyperbolic complete minimal surfaces with arbitrary topology*, 1977
- Loring, Terry A. and Pedersen, Gert K. *Projectivity, transitivity and AF-telescopes*, 4313
- Lossen, Christoph. See Greuel, Gert-Martin
- Ma, Peiming. *Local boundary regularity of the Szegő projection and biholomorphic mappings of non-pseudoconvex domains*, 419
- MacKay, R. S. See Denvir, J.
- Magid, Andy R. *Lower bounds for dimensions of representation varieties*, 4609
- Makar-Limanov, Sergei. *Tight contact structures on solid tori*, 1013
- Malfait, Wim. *Model aspherical manifolds with no periodic maps*, 4693
- Maliszewski, Aleksander. *On the averages of Darboux functions*, 2833
- Mandouvalos, N. *Relativity of the spectrum and discrete groups on hyperbolic spaces*, 559
- Marcoux, L. W. See Hudson, T. D.
- Marcus, Moshe; Mizel, Victor J.; and Pinchover, Yehuda. *On the best constant for Hardy's inequality in \mathbb{R}^n* , 3237
- Marias, Michel. *Eigenfunctions of the Laplacian on rotationally symmetric manifolds*, 4367
- Martins, Maria Isabel Ramalho. *Composition factors of indecomposable modules*, 2009
- Masson, David R. See Gupta, Dharma P.
- Mathlouthi, Salem. *Periodic orbits of the restricted three-body problem*, 2265
- Mawata, C. P. See Hile, G. N.
- McCarthy, Randy. See Johnson, Brenda
- McKenna, P. J. See Choi, Y. S.
- Melville, Duncan. See Benkart, Georgia
- Mercourakis, S. See Grekas, S.
- Meyer, Mathieu and Werner, Elisabeth. *The Santaló-regions of a convex body*, 4569
- Mikrut, Piotr. *Bordism of spin 4-manifolds with local action of tori*, 4423
- Miller, Chris and Starchenko, Sergei. *A growth dichotomy for \mathfrak{o} -minimal expansions of ordered groups*, 3505
- Mischaikow, Konstantin. See Franzosa, Robert
- Mitidieri, Enzo. See Hulshof, Josephus

- Mitra, Mahan. *See* Gitik, Rita
- Mitrea, Marius. *See* Kalton, Nigel
- Mizel, V. J. *See* Sychev, M. A.
- Mizel, Victor J. *See* Marcus, Moshe
- Møller, J. M. and Notbohm, D. *Connected finite loop spaces with maximal tori*, 3483
- Monterio, M. A. *See* Korevaar, J.
- Morán, Manuel and Rey, José-Manuel. *Singularity of self-similar measures with respect to Hausdorff measures*, 2297
- Müller, Peter. *Kronecker conjugacy of polynomials*, 1823
- Myasnikov, A. *See* Kharlampovich, O.
- Nakamura, Hiroaki and Takao, Naotake. *Galois rigidity of pro- l pure braid groups of algebraic curves*, 1079
- Nakano, T. *Projective threefolds on which $SL(2)$ acts with 2-dimensional general orbits*, 2903
- van Neerven, Jan. *See* Batty, Charles J. K.
- Nies, André. *See* Lempp, Steffen
- Notbohm, D. *See* Møller, J. M.
- Noumi, Masatoshi. *See* Dijkhuizen, Mathijs S.
- Nussbaum, Roger D. and Walsh, Bertram. *Approximation by polynomials with nonnegative coefficients and the spectral theory of positive operators*, 2367
- Ogawa, Takayoshi and Suzuki, Takashi. *Two dimensional elliptic equation with critical nonlinear growth*, 4897
- Oh, Jangheon. *On zeta functions and Iwasawa modules*, 3639
- Ohshika, Ken'ichi. *Rigidity and topological conjugates of topologically tame Kleinian groups*, 3989
- Olsen, James. *See* Çömez, Doğan
- Ono, Ken. *Values of Gaussian hypergeometric series*, 1205
- Oxbury, W. M.; Pauly, C.; and Previato, E. *Subvarieties of $SU_C(2)$ and 2θ -divisors in the Jacobian*, 3587
- Panchapagesan, T. V. *Characterizations of weakly compact operators on $C_0(T)$* , 4849
- . *Baire and σ -Borel characterizations of weakly compact sets in $M(T)$* , 4839
- Pardo, E. *Metric completions of ordered groups and K_0 of exchange rings*, 913
- Parimala, R.; Sridharan, R.; and Thakur, Maneesh L. *A classification theorem for Albert algebras*, 1277
- Pauly, C. *See* Oxbury, W. M.
- Paus, Wilfried H. *Sum of squares manifolds: The expressibility of the Laplace-Beltrami operator on pseudo-Riemannian manifolds as a sum of squares of vector fields*, 3943
- Pawlowski, Piotr. *On the zeros of a polynomial and its derivatives*, 4461
- Pedersen, Gert K. *See* Loring, Terry A.
- Peres, Yuval and Solomyak, Boris. *Self-similar measures and intersections of Cantor sets*, 4065
- Perthame, B. *See* Bouchut, F.
- Pestov, Vladimir G. *On free actions, minimal flows, and a problem by Ellis*, 4149
- Phillips, Ralph. *Scattering theory for twisted automorphic functions*, 2753
- Pinchover, Yehuda. *See* Marcus, Moshe
- Pinner, Christopher. *See* Borwein, David
- Pollicott, Mark and Sharp, Richard. *Comparison theorems and orbit counting in hyperbolic geometry*, 473
- Polster, Burkard. *n -unisolvant sets and flat incidence structures*, 1619
- Powell, Geoffrey M. L. *The structure of indecomposable injectives in generic representation theory*, 4167
- Previato, E. *See* Oxbury, W. M.
- Prizzi, Martino and Rybakowski, Krzysztof P. *Complicated dynamics of parabolic equations with simple gradient dependence*, 3119
- Przytycki, Feliks. *Iterations of holomorphic Collet-Eckmann maps: conformal and invariant measures. Appendix: On non-renormalizable quadratic polynomials*, 717
- Qin, Zhenbo and Ruan, Yongbin. *Quantum cohomology of projective bundles over \mathbb{P}^n* , 3615
- Quas, Anthony N. *See* Coelho, Zaqueu
- Räbiger, Frank. *See* Batty, Charles J. K.
- Rawlings, Don. *A probabilistic approach to some of Euler's number theoretic identities*, 2939

INDEX TO VOLUME 350 (1998)

- Razon, Aharon. *See* Jarden, Moshe
- Rey, José-Manuel. *See* Morán, Manuel
- Rips, Eliyahu. *See* Gitik, Rita
- Robertson, E. F.; Ruškuc, N.; and Wiegold, J. *Generators and relations of direct products of semigroups*, 2665
- Rodman, Leiba; Spitkovsky, Ilya M.; and Woerdeman, Hugo J. *Carathéodory-Toeplitz and Nehari problems for matrix valued almost periodic functions*, 2185
- Ruan, Yongbin. *See* Qin, Zhenbo
- Rubinstein, Hyam and Scharlemann, Martin. *Comparing Heegaard splittings —the bounded case*, 689
- Ruggiero, Rafael Oswaldo. *On non-hyperbolic quasi-convex spaces*, 665
- Rui, Hebing. *See* Du, Jie
- Ruškuc, N. *See* Robertson, E. F.
- Rybowski, Krzysztof P. *See* Prizzi, Martino
- Sad, P. *See* Cerveau, D.
- Sacki, Osamu. *See* Biasi, Carlos
- Saff, E. B. *See* Kuijlaars, A. B. J.
- Sageev, Michah. *See* Gitik, Rita
- Sandstede, Björn. *Stability of multiple-pulse solutions*, 429
- Scharlemann, Martin. *See* Rubinstein, Hyam
- Schlichting, G. *See* Bekka, M. B.
- Schupp, P. E. *See* Ivanov, S. V.
- Seitz, Gary M. *See* Liebeck, Martin W.
- Setti, Alberto G. *LP and operator norm estimates for the complex time heat operator on homogeneous trees*, 743
- Sharp, Richard. *See* Pollicott, Mark
- Shen, Zhongwei. *See* Brown, Russell M.
- Shi, Peter. *See* Brown, Russell M.
- Shi, Zhan. *See* Khoshnevisan, Davar
- Shustin, Eugeni. *See* Greuel, Gert-Martin
- Shvartsman, Pavel. *See* Brudnyi, Yuri
- Simons, S. *Sum theorems for monotone operators and convex functions*, 2953
- . *Pairs of monotone operators*, 2973
- Sinclair, Allan M. *See* Kumar, Ajay
- Slaman, Theodore A. *See* Lempp, Steffen
- Solomyak, Boris. *See* Peres, Yuval
- Sourour, A. R. *See* Hudson, T. D.
- Speissegger, Patrick. *See* van den Dries, Lou
- Spitkovsky, Ilya M. *See* Rodman, Leiba
- Sridharan, R. *See* Parimala, R.
- Srinivasan, Hema. *See* Herzog, Jürgen
- Stanley, Richard P. *See* Hanlon, Phil
- Starichenko, Sergei. *See* Miller, Chris
- Steinbart, Enid M. *See* Gundersen, Gary G.
- Sternfeld, Y. *See* Levin, M.
- Stoth, Barbara. *See* Bronsard, Lia
- Strade, H. *The classification of the simple modular Lie algebras: VI. Solving the final case*, 2553
- Strømme, Stein Arild. *See* Ellingsrud, Geir
- Su, Francis Edward. *Convergence of random walks on the circle generated by an irrational rotation*, 3717
- Suzuki, Takashi. *See* Ogawa, Takayoshi
- Swenson, E. L. *See* Cannon, J. W.
- Sychev, M. A. and Mizel, V. J. *A condition on the value function both necessary and sufficient for full regularity of minimizers of one-dimensional variational problems*, 119
- Taimanov, Iskander A. *See* Bahri, Abbas
- Takao, Naotake. *See* Nakamura, Hiroaki
- Tam, Luen-fai. *See* Li, Peter
- Tamura, Makoto. *The average edge order of triangulations of 3-manifolds with boundary*, 2129

INDEX TO VOLUME 350 (1998)

- Tezuka, Michishige. *See* Kamiyama, Yasuhiko
- Thakur, Maneesh L. *See* Parimala, R.
- Thaler, Maximilian. *The Dynkin-Lamperti arc-sine laws for measure preserving transformations*, 4593
- Thompson, Robert D. *The L_2 -localization of $W(n)$* , 1931
- Toma, Tsuguyoshi. *See* Kamiyama, Yasuhiko
- Treiman, Jay S. *See* Borwein, Jonathan M.
- Troubetzkoy, S. *See* Boshernitzan, M.
- Trung, Ngô Việt. *The Castelnuovo regularity of the Rees algebra and the associated graded ring*, 2813
- Turner, James M. *Operations and spectral sequences. I*, 3815
- Valeriote, Matthew A. *See* Kearnes, Keith A.
- VanderVorst, Robertus. *See* Hulshof, Josephus
- Vaninsky, K. L. *A convexity theorem in the scattering theory for the Dirac operator*, 1895
- Vasconcelos, Wolmer V. *The homological degree of a module*, 1167
- Vassilev, Janet Cowden. *Test ideals in quotients of F -finite regular local rings*, 4041
- Velazquez, J. J. L. *See* Escobedo, M.
- Verbitsky, Igor E. and Wheeden, Richard L. *Weighted norm inequalities for integral operators*, 3371
- Vershinin, Vladimir V. *On homological properties of singular braids*, 2431
- Vidras, Alekos and Yger, Alain. *On asymptotic approximations of the residual currents*, 4105
- Vinter, R. B. and Zheng, H. *Necessary conditions for optimal control problems with state constraints*, 1181
- Walsh, Bertram. *See* Nussbaum, Roger D.
- van Wamelen, Paul. *Equations for the Jacobian of a hyperelliptic curve*, 3083
- Wang, Shupeí. *See* Gundersen, Gary G.
- Weiss, Michael S. *Erratum to "Orthogonal calculus"*, 851
- Werner, Elisabeth. *See* Meyer, Mathieu
- Wheeden, Richard L. *See* Verbitsky, Igor E.
- Wiegold, J. *See* Robertson, E. F.
- Wilkerson, C. W. *See* Dwyer, W. G.
- Wilson, Leslie C. *See* Ferrarotti, Massimo
- Witte, Dave. *Tessellations of solvmanifolds*, 3767
- Woerdeman, Hugo J. *See* Rodman, Leiba
- Wolfenden, Peter. *Fixed point sets of deformations of polyhedra with local cut points*, 2457
- Wu, Ching-Tang. *See* Chen, Chang-Pao
- Wu, Jianhong. *Symmetric functional differential equations and neural networks with memory*, 4799
- Xu, Chao-Jiang. *See* Jost, Jürgen
- Yagita, N. *Small subalgebras of Steenrod and Morava stabilizer algebras*, 3021
- Yang, An. *Poisson transforms on vector bundles*, 857
- Yang, Dachun. *See* Grafakos, Loukas
- Yang, DaGang. *See* Li, Peter
- Yang, Huajian. *The stable homotopy types of stunted lens spaces mod 4*, 4775
- Yang, Tonghai. *Eigenfunctions of the Weil representation of unitary groups of one variable*, 2393
- Ye, Rugang. *Filling by holomorphic curves in symplectic 4-manifolds*, 213
- Ye, Yangbo. *The lifting of an exponential sum to a cyclic algebraic number field of prime degree*, 5003
- Yger, Alain. *See* Vidras, Alekos
- Yukie, Akihiko. *On Shintani zeta functions for $GL(2)$* , 5067
- Zamfirescu, Tudor. *Extreme points of the distance function on convex surfaces*, 1395
- Zhao, Kaming. *See* Đoković, Dragomir Ž.
- Zheng, Dechao. *Commuting Toeplitz operators with pluriharmonic symbols*, 1595
- Zheng, H. *See* Vinter, R. B.
- Zhou, Jianxin. *See* Chen, Goong
- Zhou, Lin. *Integral representation of continuous comonotonically additive functionals*, 1811
- Zhou, Zhengfang. *See* Bao, Gang

INDEX TO VOLUME 350 (1998)

- Zhu, Chen-bo. *See* Lee, Soo Teck
Zhu, Qiji J. *See* Borwein, Jonathan M.
Zocca, Valentino. *Fox calculus, symplectic forms, and moduli spaces*, 1429
———. *Correction to "Fox calculus, symplectic forms, and moduli spaces"*, 3407
Żołądek, Henryk. *Algebraic invariant curves for the Liénard equation*, 1681
Zumpano, Antônio. *Infinite type homeomorphisms of the circle and convergence of Fourier series*, 4023